

Figure 17

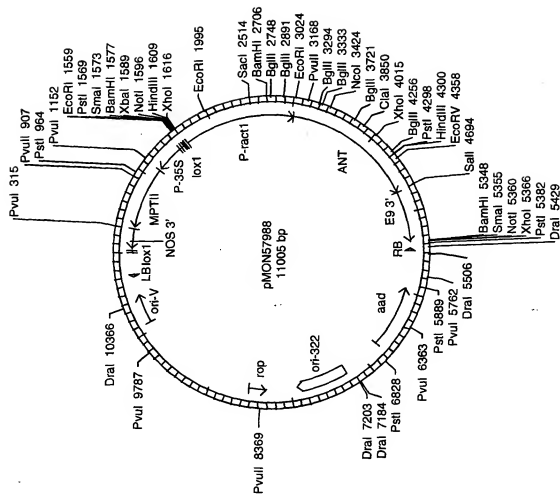


Figure 18

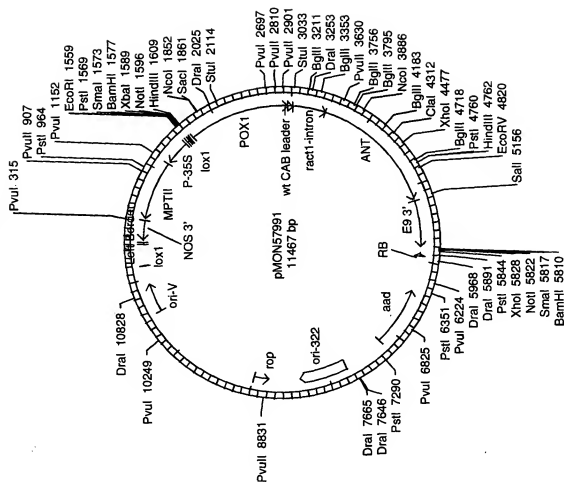




Figure 1

1	GRANT1 KMTHEINANT DOANNIMELA FLSLSPW ... .. KRGAT SALTUPPTT	50	GRANT1 KMTHEINANT DOANNIMELA FLSLSPW ... .. KRGAT SALTUPPTT	401	GRANT1 KMTHEINANT DOANNIMELA FLSLSPW ... .. KRGAT SALTUPPTT	450	GRANT1 KMTHEINANT DOANNIMELA FLSLSPW ... .. KRGAT SALTUPPTT
	GRANT2 KMSNDENNA ELANONIMELA FLSLSPOMNI GYSSHISOPAS AADVPFSTY		GRANT2 KMSNDENNA ELANONIMELA FLSLSPOMNI GYSSHISOPAS AADVPFSTY		GRANT2 KMSNDENNA ELANONIMELA FLSLSPOMNI GYSSHISOPAS AADVPFSTY		GRANT2 KMSNDENNA ELANONIMELA FLSLSPOMNI GYSSHISOPAS AADVPFSTY
	ANT KKSFCNDINDN HBSNTNMLG FLSLSSNMKM GGRGREALY SSSTSSAATS		ANT KKSFCNDINDN HBSNTNMLG FLSLSSNMKM GGRGREALY SSSTSSAATS		ANT KKSFCNDINDN HBSNTNMLG FLSLSSNMKM GGRGREALY SSSTSSAATS		ANT KKSFCNDINDN HBSNTNMLG FLSLSSNMKM GGRGREALY SSSTSSAATS
51	GRANT1 KPSOSGUL ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL	100	GRANT1 KPSOSGUL ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL	451	GRANT1 KPSOSGUL ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL	500	GRANT1 KPSOSGUL ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL
	GRANT2 HTPAT ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL		GRANT2 HTPAT ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL		GRANT2 HTPAT ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL		GRANT2 HTPAT ... .. SNGFC YOV GRCNAP HBSLTPWPLK SDGSLCJL
	ANT SSSVPPOLVW GNTSNGFC YG SNGPNCI YSINSWPLR SDGSLCJL		ANT SSSVPPOLVW GNTSNGFC YG SNGPNCI YSINSWPLR SDGSLCJL		ANT SSSVPPOLVW GNTSNGFC YG SNGPNCI YSINSWPLR SDGSLCJL		ANT SSSVPPOLVW GNTSNGFC YG SNGPNCI YSINSWPLR SDGSLCJL
101	GRANT1 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY	150	GRANT1 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY	501	GRANT1 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY	550	GRANT1 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY
	GRANT2 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY		GRANT2 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY		GRANT2 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY		GRANT2 LMSOQJWV PTESEPLEDS LOGATWKT H EV ... GSHR GLSLSJLY
	ANT LMSHSHNEH QSSSPVDFV FG ... .. TH HNTSIRKEM DLSLSPYN		ANT LMSHSHNEH QSSSPVDFV FG ... .. TH HNTSIRKEM DLSLSPYN		ANT LMSHSHNEH QSSSPVDFV FG ... .. TH HNTSIRKEM DLSLSPYN		ANT LMSHSHNEH QSSSPVDFV FG ... .. TH HNTSIRKEM DLSLSPYN
151	GRANT1 SQABACAPNR DLSLSPPTQ ... .. OGMSV OTHPYVSLA CHGLVQAPL	200	GRANT1 SQABACAPNR DLSLSPPTQ ... .. OGMSV OTHPYVSLA CHGLVQAPL	551	GRANT1 SQABACAPNR DLSLSPPTQ ... .. OGMSV OTHPYVSLA CHGLVQAPL	600	GRANT1 SQABACAPNR DLSLSPPTQ ... .. OGMSV OTHPYVSLA CHGLVQAPL
	GRANT2 IPSORSPNPN NOTYONHQB 1STNOQOQO ELQVY1STLR NHDMLGSK		GRANT2 IPSORSPNPN NOTYONHQB 1STNOQOQO ELQVY1STLR NHDMLGSK		GRANT2 IPSORSPNPN NOTYONHQB 1STNOQOQO ELQVY1STLR NHDMLGSK		GRANT2 IPSORSPNPN NOTYONHQB 1STNOQOQO ELQVY1STLR NHDMLGSK
	ANT ... .. THEPNT TNYCFEFSF POTNHEET TIG ... ..		ANT ... .. THEPNT TNYCFEFSF POTNHEET TIG ... ..		ANT ... .. THEPNT TNYCFEFSF POTNHEET TIG ... ..		ANT ... .. THEPNT TNYCFEFSF POTNHEET TIG ... ..
201	GRANT1 EFTTKET ... .. HVCSSSLME QMTCLAWV APTEP 5TH QOULKEONIC	250	GRANT1 EFTTKET ... .. HVCSSSLME QMTCLAWV APTEP 5TH QOULKEONIC	601	GRANT1 EFTTKET ... .. HVCSSSLME QMTCLAWV APTEP 5TH QOULKEONIC	650	GRANT1 EFTTKET ... .. HVCSSSLME QMTCLAWV APTEP 5TH QOULKEONIC
	GRANT2 QSOTSDNNL HWYNGGIDA VPVFLGKN ... EVNFOASH AHSKXIVH		GRANT2 QSOTSDNNL HWYNGGIDA VPVFLGKN ... EVNFOASH AHSKXIVH		GRANT2 QSOTSDNNL HWYNGGIDA VPVFLGKN ... EVNFOASH AHSKXIVH		GRANT2 QSOTSDNNL HWYNGGIDA VPVFLGKN ... EVNFOASH AHSKXIVH
	ANT ... .. GFNGV YGFCFQSLG SNGFCQSC ... .. ITGSH HHOQNOQH		ANT ... .. GFNGV YGFCFQSLG SNGFCQSC ... .. ITGSH HHOQNOQH		ANT ... .. GFNGV YGFCFQSLG SNGFCQSC ... .. ITGSH HHOQNOQH		ANT ... .. GFNGV YGFCFQSLG SNGFCQSC ... .. ITGSH HHOQNOQH
251	GRANT1 GNGRNGWS LGFCVCELO SLSLSMPS QSCVT ... .. APSGDSVA	300	GRANT1 GNGRNGWS LGFCVCELO SLSLSMPS QSCVT ... .. APSGDSVA	651	GRANT1 GNGRNGWS LGFCVCELO SLSLSMPS QSCVT ... .. APSGDSVA	700	GRANT1 GNGRNGWS LGFCVCELO SLSLSMPS QSCVT ... .. APSGDSVA
	GRANT2 VEENAGSOS IGSHAYGDIQ SLSLSMPS QSSSVTSSR ASPAVGVA		GRANT2 VEENAGSOS IGSHAYGDIQ SLSLSMPS QSSSVTSSR ASPAVGVA		GRANT2 VEENAGSOS IGSHAYGDIQ SLSLSMPS QSSSVTSSR ASPAVGVA		GRANT2 VEENAGSOS IGSHAYGDIQ SLSLSMPS QSSSVTSSR ASPAVGVA
	ANT OSQH ... .. Q QISEALVETS VGFETT ... .. TWA		ANT OSQH ... .. Q QISEALVETS VGFETT ... .. TWA		ANT OSQH ... .. Q QISEALVETS VGFETT ... .. TWA		ANT OSQH ... .. Q QISEALVETS VGFETT ... .. TWA
301	GRANT1 YDARGHAK ... .. LGQKQV HRSIDTFQ RTSQYQVTR HMTGRYEAH	350	GRANT1 YDARGHAK ... .. LGQKQV HRSIDTFQ RTSQYQVTR HMTGRYEAH	701	GRANT1 YDARGHAK ... .. LGQKQV HRSIDTFQ RTSQYQVTR HMTGRYEAH	750	GRANT1 YDARGHAK ... .. LGQKQV HRSIDTFQ RTSQYQVTR HMTGRYEAH
	GRANT2 MOTKROPEK ... .. VDKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		GRANT2 MOTKROPEK ... .. VDKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		GRANT2 MOTKROPEK ... .. VDKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		GRANT2 MOTKROPEK ... .. VDKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH
	ANT AAKTKRQED VVVGKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		ANT AAKTKRQED VVVGKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		ANT AAKTKRQED VVVGKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH		ANT AAKTKRQED VVVGKQIV HRSIDTFQ RTSQYQVTR HMTGRYEAH
351	GRANT1 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF	400	GRANT1 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF	751	GRANT1 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF	800	GRANT1 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF
	GRANT2 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		GRANT2 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		GRANT2 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		GRANT2 LANSCKEKG OTHKQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF
	ANT LMSNFMKCG HSKRQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		ANT LMSNFMKCG HSKRQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		ANT LMSNFMKCG HSKRQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF		ANT LMSNFMKCG HSKRQOYVL GYDNEEMAA RAYDLAALY MGPSTHNEF

[illegible]

Figure 2b

g1244708	273	DTFGQRT QVAGT TRHRTARVE	HJUD	FKHGRKGRQV	GGYDMEK	YD	YD	KYM	340
GnANT1	288	DTFGQRT QVAGT TRHRTARVE	HJUD	CKGGRKGRQV	GGYDMEK	YD	YD	KYM	355
GnANT1	295	DTFGQRT QVAGT TRHRTARVE	HJUD	CKGGRKGRQV	GGYDMEK	YD	YD	KYM	362
GnANT1	253	DTFGQRT QVAGT TRHRTARVE	HJUD	CKGGRKGRQV	GGYDMEK	YD	YD	KYM	320
GnANT2	310	DTFGQRT QVAGT TRHRTARVE	HJUD	CKGGRKGRQV	GGYDMEK	YD	YD	KYM	377
GnANT1	281	DTFGQRT QVAGT TRHRTARVE	HJUD	CKGGRKGRQV	GGYDMEK	YD	YD	KYM	348
g1244708	341	GTHNPSA	YD	YD	YD	YD	YD	YD	408
GnANT1	356	GTHNPSA	YD	YD	YD	YD	YD	YD	423
GnANT2	363	GTHNPSA	YD	YD	YD	YD	YD	YD	430
GnANT1	321	GTHNPSA	YD	YD	YD	YD	YD	YD	370
GnANT2	378	GTHNPSA	YD	YD	YD	YD	YD	YD	386
GnANT1	349	GTHNPSA	YD	YD	YD	YD	YD	YD	416
g1244708	409	KDLYLGTG	YD	YD	YD	YD	YD	YD	462
GnANT1	424	KDLYLGTG	YD	YD	YD	YD	YD	YD	477
GnANT2	431	KDLYLGTG	YD	YD	YD	YD	YD	YD	498
GnANT1	389	KDLYLGTG	YD	YD	YD	YD	YD	YD	442
GnANT2	446	KDLYLGTG	YD	YD	YD	YD	YD	YD	499
GnANT1	417	KDLYLGTG	YD	YD	YD	YD	YD	YD	470
g1244708	463	RR	YD	YD	YD	YD	YD	YD	475
GnANT1	478	RR	YD	YD	YD	YD	YD	YD	545
GnANT2	499	RR	YD	YD	YD	YD	YD	YD	553
GnANT1	92	QVRK	YD	YD	YD	YD	YD	YD	141
GnANT2	443	QVRK	YD	YD	YD	YD	YD	YD	495
GnANT2	500	QVRK	YD	YD	YD	YD	YD	YD	569
GnANT1	471	RR	YD	YD	YD	YD	YD	YD	470
g1244708	476	RR	YD	YD	YD	YD	YD	YD	499
GnANT1	546	RR	YD	YD	YD	YD	YD	YD	611
GnANT2	554	RR	YD	YD	YD	YD	YD	YD	608
GnANT1	492	QVRK	YD	YD	YD	YD	YD	YD	546
GnANT2	568	QVRK	YD	YD	YD	YD	YD	YD	614
GnANT1	530	QVRK	YD	YD	YD	YD	YD	YD	591
g1244708	500	LLSFPATFALPVNQKMGSGN	YD	YD	YD	YD	YD	YD	551
GnANT1	612	LLSFPATFALPVNQKMGSGN	YD	YD	YD	YD	YD	YD	659
GnANT2	609	LLSFPATFALPVNQKMGSGN	YD	YD	YD	YD	YD	YD	665
GnANT1	197	GGSGGGLVATLFRKPAASKYLVSPV	YD	YD	YD	YD	YD	YD	246
GnANT1	525	GGSGGGLVATLFRKPAASKYLVSPV	YD	YD	YD	YD	YD	YD	592
GnANT2	617	GGSGGGLVATLFRKPAASKYLVSPV	YD	YD	YD	YD	YD	YD	661
GnANT1	592	GGSGGGLVATLFRKPAASKYLVSPV	YD	YD	YD	YD	YD	YD	638

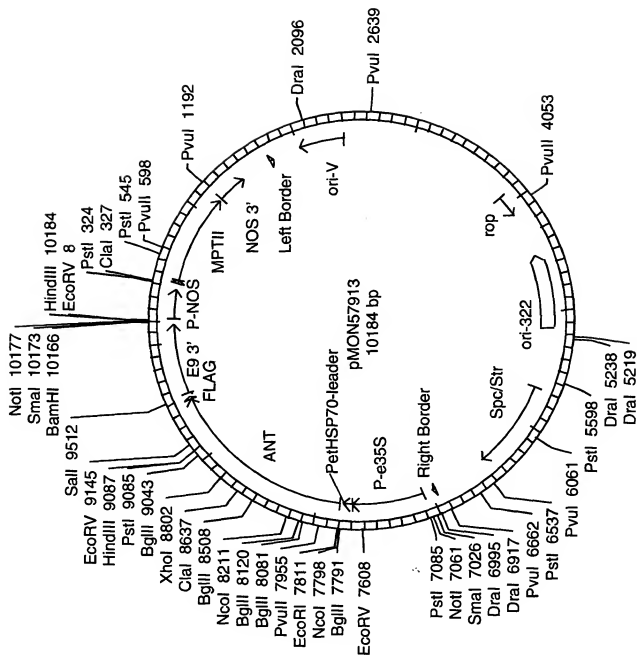


Figure 4

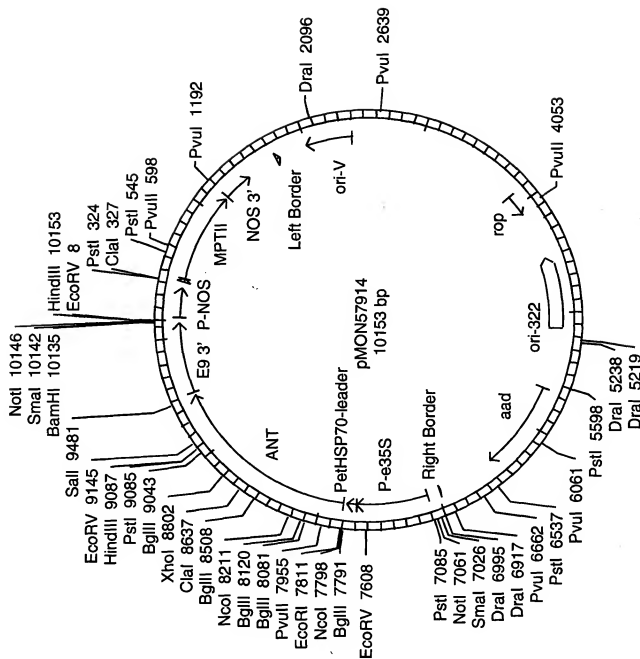
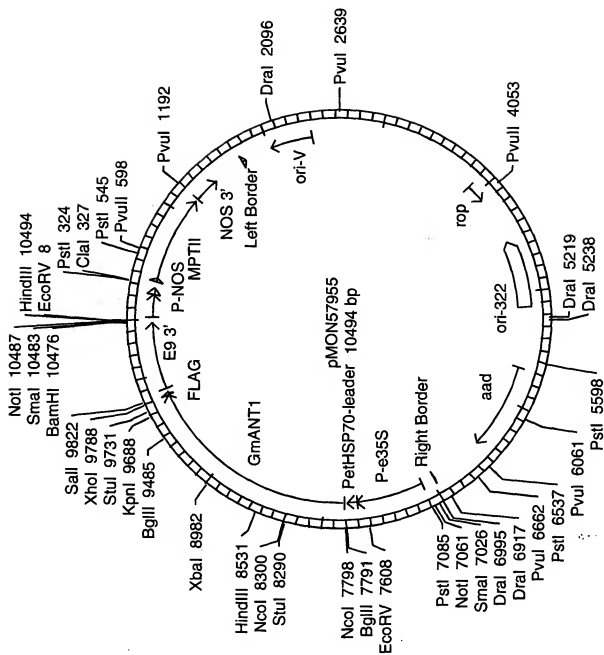


Figure 5



Figure 6



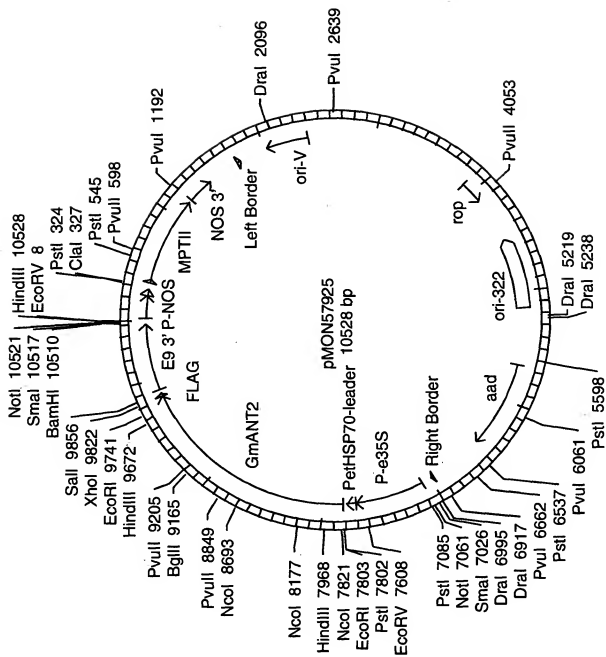


Figure 7

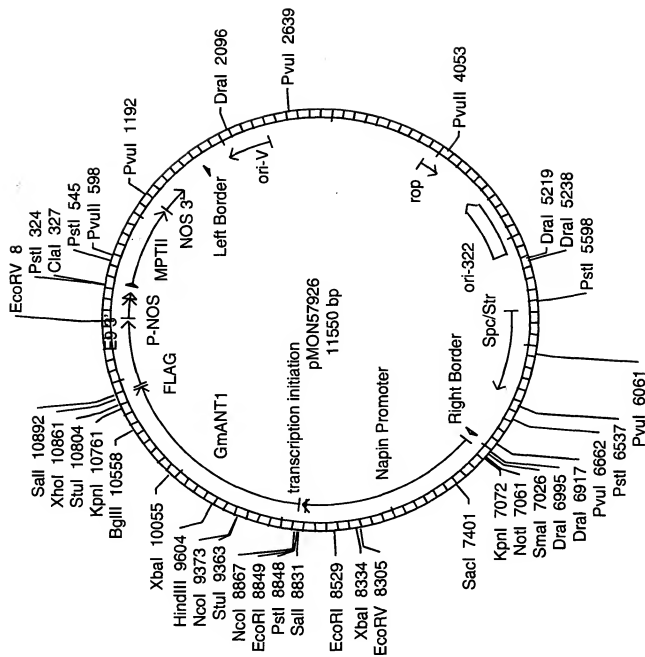


Figure 8

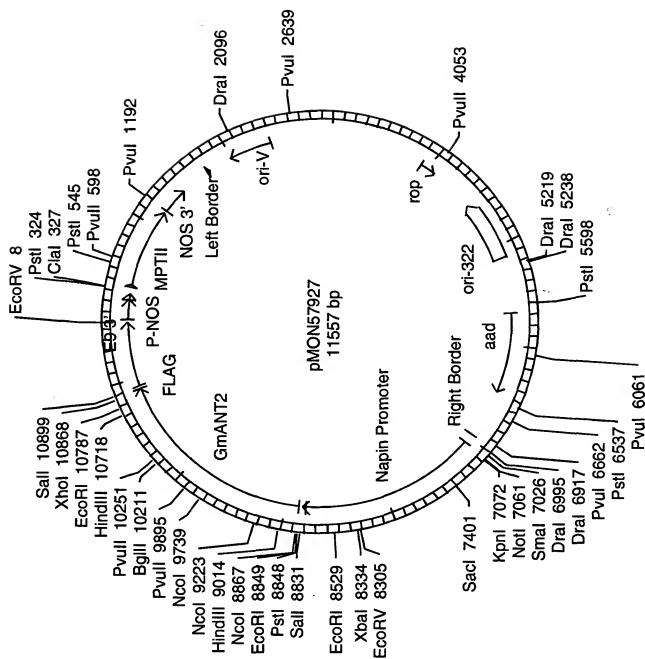
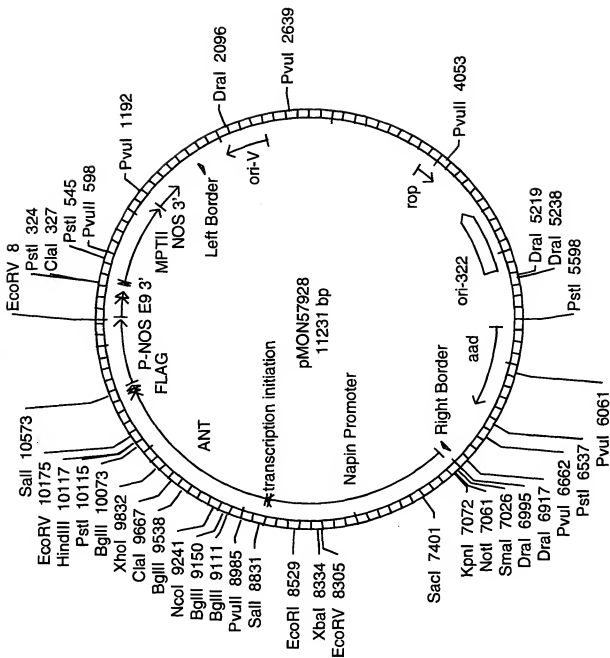


Figure 9

Figure 10



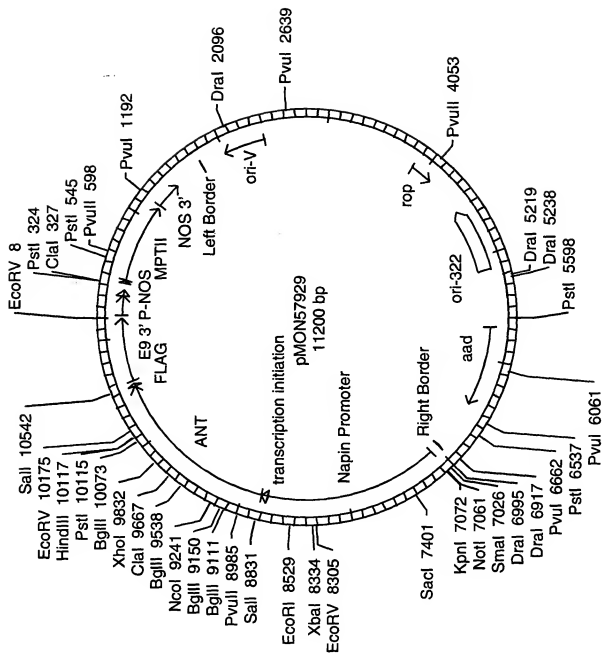


Figure 11

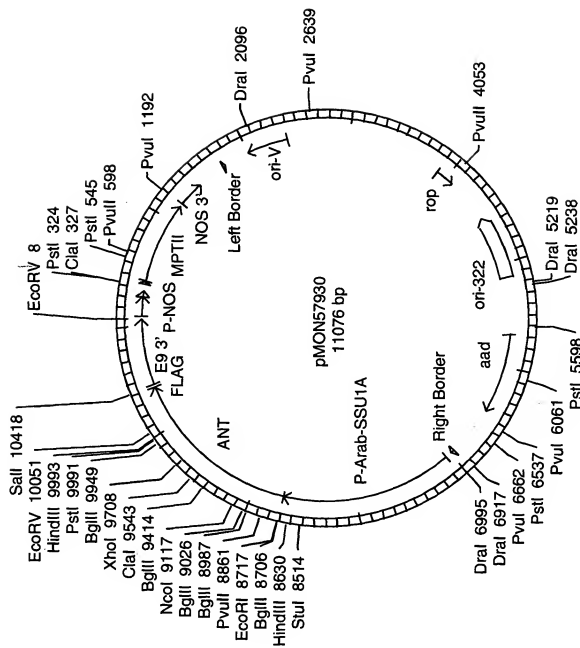


Figure 12

Figure 13

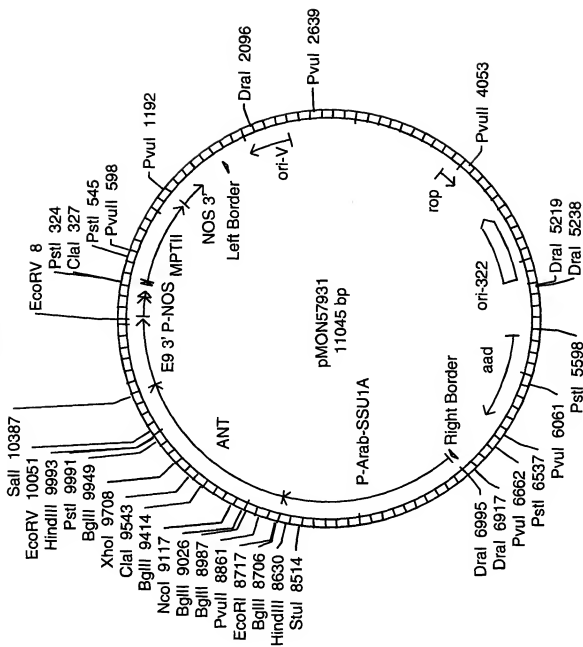




Figure 14

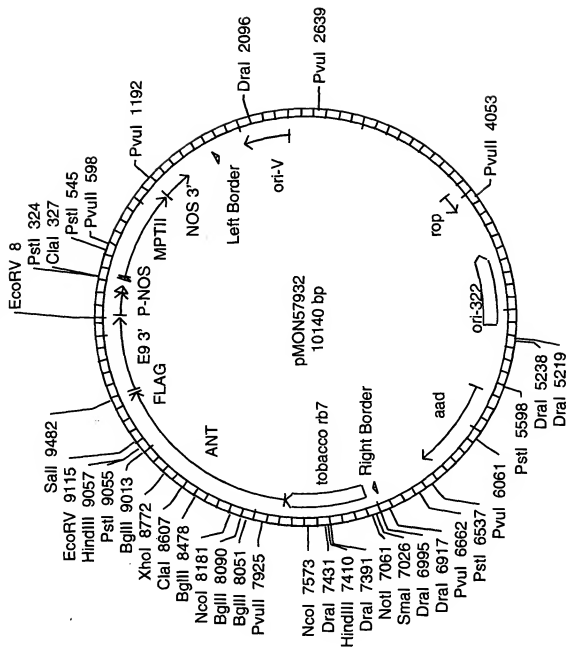


Figure 15

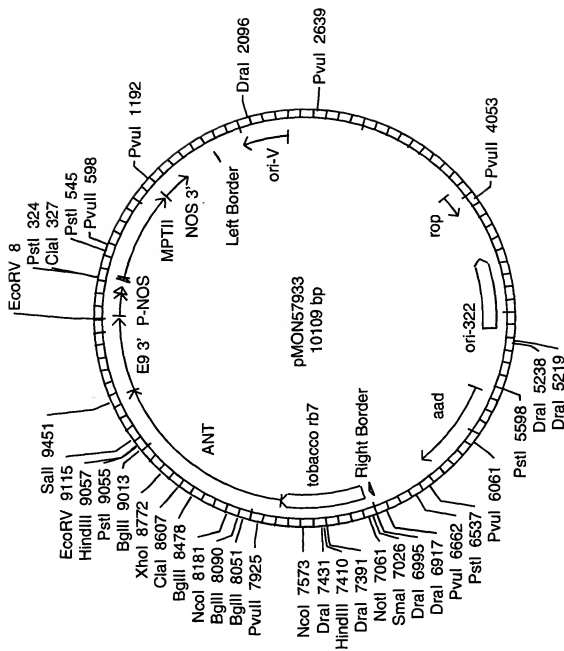


Figure 16

